

Heterogeneously catalyzed partial gas phase oxidation of propene to acrolein

Abstract

- 5 In a process for heterogeneously catalyzed partial gas phase oxidation of propene to
acrolein, the starting reaction gas mixture is oxidized over a fixed catalyst bed which
consists of at least two fixed catalyst bed zones and is accommodated in two succes-
sive temperature zones A, B, and the transition from temperature zone A to tempera-
10 ture zone B does not spatially coincide with a transition from one fixed catalyst bed
zone to another fixed catalyst bed zone.